

Amendments to the Specification:

Please replace the paragraph beginning at page 7, line 3 as with the following amended paragraph:

-- As shown in an idealized form in figure 3, one kind of electronic component 11 includes a controlled element 17 to provide a short circuit protection function for a primary circuit (not shown) that is connected to an output 13 and is powered from a DC voltage source (say, between 1.5 and ~~100~~ 30 volts, not shown) connected to an input 15. A third terminal 19 is grounded. --

Please delete previous abstract at page 29 and add the following new abstract:

-- Circuitry provides various protection mechanisms to an external circuit using actively controlled elements. The controlled elements may be controlled to provide overcurrent, overvoltage, or undervoltage protection to an external circuit. --